

## MECHANICAL – MOST COMMONLY DISAPPROVED (DP) INSPECTION ITEMS

1. No address visible from street; couldn't find location
2. House locked
3. Complete previous list; corrections not made
4. Work not ready for inspection
5. Contractor must provide ladder to access work
  
6. Support flex duct in accordance with manufacturer's installation instructions
7. Flex duct installation creates air flow restriction
8. Cannot insulate metal boxes, fittings and/or duct with flex duct insulation
9. Provide installation instructions for mechanical equipment
10. Provide proper working clearance about mechanical equipment
  
11. Provide proper walkways and access to mechanical equipment
12. All glued joints of pvc condensate piping require purple primer
13. Improper fall; reverse fall; or no fall on condensate disposal piping
14. Condensate piping freeze protection required
15. Install nail plates where dryer duct passes through framing members
  
16. Duct board requires mechanical fasteners
17. B vent requires proper clearance to combustible materials
18. B-vent insulation shield required
19. Combustion air required
20. Cooktop or range required for final inspection approval
  
21. Complete the installation of exhaust ductwork for the bathroom exhaust fans
22. CSST gas piping must be bonded to the grounded electrical service conductor
23. Temporary heat: remove air test gauge from fuel gas piping; permanent electric service required
24. Provide proper overcurrent protection for the condensing unit
25. Install equipment in accordance with listing

\*Although not specific to new construction it is important to note and discuss the challenges associated with contractor, inspector and homeowner coordination often required to conclude inspections associated with mechanical equipment replacement work\*